## ISSUE SLIP STAPLE AREA (for additional cross references)

|                           |       |             | DATE     |  |  |  |  |  |
|---------------------------|-------|-------------|----------|--|--|--|--|--|
| FEE DETERMINATION         | iV, A |             | 11/28/01 |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       |       | 21)         | 11/8/101 |  |  |  |  |  |
| FORMALITY REVIEW          | CH    | 1119        | 12-07-01 |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW |       | <del></del> | 12-01-01 |  |  |  |  |  |

## **INDEX OF CLAIMS**

| • | Rejected                   | · N | Non-elected     |
|---|----------------------------|-----|-----------------|
|   | Allowed                    | - 1 | Interference    |
| , | (Through numeral) Canceled | Α   | Арреаі          |
| ÷ | Restricted                 | 0   | Appeal Objected |

| د         | ن.<br>ن <u>:</u> | •         |          |          | : 5      |          | ,        | <u> ,                                   </u> | 3    | _        |              |              |     |     |       |          |          |          |          | <u> </u>     |          |               |          |          |          |                |     | _             |            | - 1           |          | ٠.       |          |          |          |          |      |                 |          |   |
|-----------|------------------|-----------|----------|----------|----------|----------|----------|--|------|----------|--------------|--------------|-----|-----|-------|----------|----------|----------|----------|--------------|----------|---------------|----------|----------|----------|----------------|-----|---------------|------------|---------------|----------|----------|----------|----------|----------|----------|------|-----------------|----------|---|
| ြင        | lair             | n         |          |          |          | 3        | Da       | te   | _    |          | _            |              | 1   | -   | Cla   | aim      | L.       |          |          |              | Da       | te            |          |          | _        |                |     | CL            | aim        |               |          | _        |          | Dat      | 0        | _        |      |                 | $\neg$   |   |
| le e      |                  | namguro 1 | <u> </u> | 59/1/11  | 15       | 1        |          |  |      |          |              |              |     |     | Final |          |          |          |          |              |          |               |          |          |          |                |     | Final         | Original   |               | •        |          |          |          |          |          |      |                 |          |   |
| П         | 1                | IJ        |          | Z        | V        | Ŀ        | L        | L  |      | Ŀ        |              |              | ]   |     |       | 51       |          |          | ·        |              |          |               |          |          |          |                |     |               | 101        |               |          |          |          | Н        |          | Н        |      | Н               | $\dashv$ |   |
| 4         | -                | ষ্        | 4        | 1        | Ц        | Ŀ        | L        | <u> </u>                                     | L    | L        | L            | L            | 1   |     | Ŀ     | 52       |          | _        | L        | L            | Ŀ        | <u> </u>      |          |          |          |                | ١.  |               | 102        |               |          |          |          |          |          |          |      | П               | ┪        |   |
| 2         | 1                | 3         | _        | Щ        | Ц        | Ŀ        | <u> </u> | <u> </u>                                     | L    | L        | L            | 1_           | 1   | ١   |       | 53       | ,        |          |          | L            | L        | <u> </u>      | 乚        |          | L        |                |     |               | 103        |               |          |          | ·        |          |          |          |      | П               |          |   |
| [2        |                  | 5         | 7        | Н-       | Н        | -        | ⊢        | ╀  | L    | ╄        | -            | 1            | 4   |     | _     | 54       | Ĺ        | <u> </u> | <u> </u> | _            | ┡        | ļ.,           | ├_       | L        | _        | ·              | '   | L             | 104        |               |          |          |          |          |          |          |      |                 |          |   |
| 4         | -                | 6         | _        | Н        | Н        | -        | ┼-       | ┼  | -    | -        | ⊢            | $\vdash$     | 1   |     | _     | 55<br>56 | _        | -        | L        | H            | ├-       | ┝             | ⊢        |          | H        | -              |     | -             | 105        |               |          |          | L.       | Ц        |          | Щ        |      | П               |          |   |
| 1         |                  | 7         |          | +        | H        | -        | ⊢        | ╀  |      | ╁        | ╁            | ╁            | i   | ı   |       | 57       | -        | ├        |          | H            | -        | ╁             | ┢        | -        | H        | -              | Ĩ.  | -             | 106        |               |          | Ш        | L        | $\vdash$ | Щ        | Н        |      | Н               | 4        |   |
| 1         | it               | 8         | J        | Н        | Н        | -        | -        | <del>  .</del>                               | -    | H        | 1            | H            | 1   |     |       | 58       | -        |          | -        | ┢            | ┢        |               | -        | Н        | £        | 20             | S   | 1             | 109        | 41            | 7        | -        | -        |          |          |          |      | H               | $\dashv$ |   |
| :[3       |                  | 9         | 7        |          | Ħ        | $\vdash$ | $\vdash$ |  | Т    | T        | T            | T            | 1   |     |       | 59       |          | $\vdash$ | Т        | Т            | ┢        | 1             | $\vdash$ |          | •        | ~              | -   | 1             | 109<br>109 | *             | #        | H        |          | A.       | В        | Н        |      | A               | X        | P |
| jo        | 1                | 0         | 7        | 1        | П        |          | Г        | Г  | 7    | T        | Γ            | 1            | 1   | :   |       | 60       |          | ·        | Г        | _            | T        | T             | T        | -        |          | П              | l   | ┢             | 110        |               |          | Н        | `        | Н        |          | F        | ~    | Н               | 7        |   |
| . 2       |                  | Ų         | <b>,</b> | ~        | 7        | 17       |          |  | ŀ    |          |              |              | ] . | -   |       | 61       |          |          |          |              | ·        | $\overline{}$ |          |          | ,        |                | ١.  | $\overline{}$ | 111        |               |          |          | -        | П        |          | Г        | _    | М               |          |   |
| 3         |                  | Ž         | 3        | - ?      | 4,5      |          |          | Ŀ  | 2. 4 |          | L            |              | ] . |     | ,     | 62       | 4        |          |          |              |          | Ŀ             |          |          | ٠.       | ·              | ٠,  |               | 112        |               |          |          |          |          |          |          |      |                 |          |   |
| 7         |                  |           |          | *        |          | L        | L        | 1  | Ŀ    | L        | L            | Ŀ            | 1   |     |       | 63       |          | <u> </u> | ٠,       | Ŀ            | 1        | 1             | <u> </u> | L        | L        | Ŀ              | 4   |               | 113        |               |          | -        |          |          |          |          |      |                 |          |   |
| 4         |                  | 4         |          | .÷.      |          | Ŀ        | L        | Ľ  | L    | L        | ┞            | ┖            | 1   |     |       | 64       | _        | _        | -        | _            | L        | _             | ㄴ        | L.       | _        |                |     | L             | 114        | _             | ٠.       |          | Ŀ        |          |          |          | L    | Ш               |          |   |
| 1         | 41               | 5         | A.       | •        | 7        | -        |          |  |      | 1        | -            | ┡            | -   |     |       | 65       |          | <u> </u> | Ŀ        | ŀ            | L        | ┡             | ļ        | <u> </u> | _        | Ŀ              |     | L             | 115        | _             |          |          | L        | L        |          | L        | L    | Ш               | _        |   |
| 1         | 1                | 8         | 3        | 100 mg   | <i>♀</i> | -        | -        | -  | -    | +        | ╀            | ⊢            | -   |     |       | 66<br>67 | _        | H        | H        | -            | ١.       | -             | -        | H        | L        | Н              |     | -             | 116        |               | _        | Щ        | <u> </u> | -        | Н        | _        | ┡    | Н               | Н        |   |
| 7         | . 1              |           |          |          | 3        | 数<br>37  | -        | -  | -    | ŀ        | $\vdash$     | ┝            | :   | 1   | -     | 68       | -        | H        | ŀ        | -            | -        | ├             | ├-       | -        | ŀ        | <del> </del> · |     | ⊢             | 117        |               | -        | -        | -        | H        | -        | -        | -    | Н               | _        |   |
| Š         | 11               | 9         | Ç        |          |          | -        | +.       | H  | ·    |          | -            | ┢            | 1   |     | ÷     | 69       | _        |          | H        | -            | H        | H             | ┞.       | H        | -        | -              | ŀ   | $\vdash$      | 119        | -             |          | -        | -        | Н        | Н        | Н        | ⊢    | Н               | Н        | ĺ |
|           |                  |           | ş.       | 3.2      | 44.      | 7.       | -        | 1  | -    | 1        | -            | 1-           | 1   | ٠,  | -     | 70       |          | -        | Н        |              | H        | $\vdash$      | ┢        | H        | $\vdash$ | $\vdash$       |     | -             | 120        | -             | _        | H        | ┝        | Н        | Н        | -        | ┝    | H               | Н        | i |
| 1         | 12               | i         | X.       | 11,5     |          | -1-      |          | 1  | H    | 7-       | H            | ┝            | } } | •   | 7     | 71       |          |          | H        | .,           | -        | ┢             | -        | -        | -        | -              |     | -             | 121        | -             | ·        | H        | ┝        | -        |          | Н        | ┝    | Н               | $\vdash$ | - |
| 73        | 2                | ź         | *        | 3        |          | -        | 1        | 1  | -    | 1        |              | Н            | 1   | 1   |       | 72       |          |          |          | $\vdash$     | t        | $\vdash$      | $\vdash$ | -        |          |                | 1   | 一             | 122        |               |          | _        | H        |          |          |          | Н    | Н               |          | l |
| Î.        | 72               | 3         |          | 4.       |          | 7.       |          |  | Г    | 1        |              | T            | 1   | - 1 |       | 73       |          |          |          | -            | T        | T             |          | Г        |          |                | : 1 | _             | 123        |               |          |          | Г        |          |          |          |      |                 |          | ĺ |
| 1         |                  | 4         | :        |          | ٧.       |          |          |  | Г    | T        | Γ            |              | 1   | ١   |       | 74       |          |          |          |              | Г        | Π             | T        | Г        | Γ        | П              | ١ ' | Г             | 124        |               |          |          |          |          |          |          |      |                 |          | 1 |
|           | - 2              | 5         | 5.       |          |          |          | 1 -      |  |      |          |              |              | ]   |     |       | 75       |          |          |          | ŀ            | Ŀ        |               |          |          |          |                | 1   |               | 125        |               |          |          |          |          |          |          |      |                 |          | Į |
| Ĺ         | 2                |           |          | •        |          |          | L        |  |      | L        |              |              |     |     |       | 76       |          |          |          | L            | L        |               | L        | $\Box$   |          | $\Box$         | 1   |               | 126        |               |          |          | L        | L        |          |          | L_   | Ш               | $\sqcup$ | ļ |
| ـــــــا، | 2                |           | _        | _        | Ĺ        | L        | L        | Ŀ  | L    | L        | L            | L            | 1   |     |       | 77       |          | L        |          | <u> </u>     | _        | <u> </u>      | <u> </u> | L        | L        | _              |     | L             | 127        | _             |          | _        | ļ        | L        | _        | <u> </u> | L    | Ш               |          |   |
| L         | 2                |           | 4        |          | L        | _        | L        | ┡  | _    | <u> </u> | Ŀ            | <u> </u>     |     | ŀ   | _     | 78       | _        | _        |          | L            | <u> </u> | ┡             | <u> </u> | _        | _        | <u> </u>       |     | L             | 128        | _             |          | _        | <u> </u> | H        | _        | <u> </u> | ┝    | $\vdash$        | _        |   |
| H         | 3                |           | 4        | • /      | Ŀ        | ┡        | <u> </u> | -  | _    | -        | ┡            | ⊢            | -   |     | _     | 79       |          | <u> </u> | _        | -            | ┝        | ├             | _        | <u> </u> | -        |                |     | $\vdash$      | 129        | $\overline{}$ |          |          | -        | Н        |          | $\vdash$ | ┝    | ┝╌┤             | $\vdash$ |   |
| H         | 3                |           | ┥        | _        | Ŀ        | -        | -        | ╁  | ┝    | ⊢        | ┝            | ⊢            | 1   | 1   |       | 80<br>81 |          |          | L        | ⊢            | ├        | <del> </del>  | ┢        | $\vdash$ | -        | H              |     | ⊢             | 130        | $\vdash$      |          | _        | $\vdash$ | Н        | Н        | -        | ┝    |                 | _        | l |
| -         | 3                | _         | ┪        | _        | -        | -        | $\vdash$ | $\vdash$                                     | ┝    | ╀        | ┝            | ┢            | 1   | ł   | _     | 82       | _        | H        | _        | -            | -        | $\vdash$      | ⊢        |          | ┝        |                |     | H             | 132        | $\vdash$      |          | Н        | H        | Н        | _        | Н        | -    | М               |          | ĺ |
| $\vdash$  | 3                | _         | 7        |          | -        |          | ┢        | -  |      | H        | -            | ╁            | 1   | ŀ   |       | 83       | -        |          |          | <del> </del> | H        | $\vdash$      |          | -        | ┢        |                |     | H             | 133        |               |          |          | Т        | П        | _        |          |      | П               |          |   |
| $\vdash$  | 3                | _         | 7        |          |          | ┢╌       | ┢        |  |      | -        | H            | -            | 1   | 1   |       | 84       |          |          | Н        | H            | H        | 1             | 1        | _        | -        |                |     | ┢             | 134        | _             |          |          | Г        |          |          |          |      |                 |          | İ |
|           | 3                | 5         | ╗        |          |          |          |          |  |      |          |              | Г            | 1   | Ì   | _     | 85       |          |          |          | Г            | Г        |               | Т        | _        |          | П              |     | Г             | 135        |               |          |          |          |          |          |          |      | Ш               |          | ĺ |
|           | 3                | 6         |          |          |          |          |          |  | _    |          | Γ            |              | 1   | Ì   |       | 86       |          |          |          |              |          |               |          |          |          |                |     |               | 136        |               |          |          |          | L        |          |          | _    | Н               | 4        | ĺ |
|           | 3                | _         |          |          |          |          |          |  |      |          |              |              | ]   |     | _     | 87       |          |          |          |              |          |               |          |          | L        |                |     | _             | 137        | -             | _        | Ц        |          | Н        | Щ        | _        |      | Н               |          |   |
| L         | 3                | _         | _[       | _        |          | Ŀ        | L        |  |      | <u> </u> |              |              |     | Ţ   |       | 88       |          | Щ        |          | L            | L        | L             | _        |          | <u> </u> | Щ              |     | <u> </u>      | 138        | _             |          | Н        | <u> </u> | Н        | $\dashv$ |          | ┝┥   | $\vdash \vdash$ | $\dashv$ | ļ |
| <u> </u>  | 3                |           | 4        | _        |          | L        | _        | Ш  |      | <u> </u> | L.           | ļ_           | Į   | ļ   |       | 89       | _        | Щ        |          |              | ļ        | <u> </u>      | L        |          | _        | Н              |     | L             | 139        | _             |          | Н        | -        | Н        | -        |          |      | Н               | $\dashv$ | ĺ |
| -         | 4                | -         | 4        | 4        |          | <u> </u> | <u> </u> | Ц  | _    | igspace  | $\vdash$     | _            | 1   | ļ   |       | 90       | 4        | Ш        | _        |              | _        | _             | _        | Щ        | <u> </u> | Н              |     | _             | 140        | -             | _        | $\dashv$ | -        | Н        | Н        |          | -    | ┝┥              | $\dashv$ | ĺ |
| $\vdash$  | 4                |           | 4        | _        |          | _        | <u> </u> |  | _    | L        | _            | <u> </u>     | 1   |     |       | 91       | _        |          |          | _            | _        | _             |          | _        | _        | Щ              |     | L             | 141        |               | -        | $\dashv$ | _        | Н        | -        | _        | -    | ┝╌┫             | ᅥ        |   |
| $\vdash$  | 4:               | 4         | 4        | _        |          | L        |          | $\vdash$                                     | _    | <u> </u> | <u> </u>     | <u> </u>     | 1   | -   |       | 92       | _        | _        | $\dashv$ | _            | <u> </u> | -             | H        | -        | _        | Н              |     |               | 142<br>143 |               | $\dashv$ | Н        | $\vdash$ | H        | $\dashv$ | Н        | Н    | H               | $\dashv$ |   |
| -         | +-               | -+-       | +        |          | _        | -        | -        | H  |      | ⊢        | $\vdash$     | -            | 1   | ŀ   |       | 93<br>94 | -        | $\dashv$ | -        |              | $\vdash$ | -             | $\vdash$ | -        |          | $\vdash$       | •   | ├─            | 144        | _             | $\dashv$ | $\dashv$ | -        | H        | $\neg$   | П        |      | $\sqcap$        | ┪        |   |
| $\vdash$  | 4                |           | +        | $\dashv$ |          | _        | <u> </u> | Н  |      | $\vdash$ | $\vdash$     | <del> </del> | 1   | -   | _     | 94<br>95 | -        | $\dashv$ | $\dashv$ | -            | -        | $\vdash$      | $\vdash$ | $\dashv$ | H        | $\dashv$       |     | ┝             | 145        | _             | $\dashv$ | ᅥ        | Н        | H        | $\dashv$ |          |      |                 |          |   |
| -         | 4                | _         | ┪        | -        |          |          | -        | Н  | _    | ┝        | <del> </del> | $\vdash$     | i   | ŀ   | _     | 96       | $\dashv$ |          | $\dashv$ | _            | $\vdash$ | -             | $\vdash$ | $\dashv$ |          | $\dashv$       |     |               | 146        | _             | $\dashv$ | $\dashv$ | Т        |          |          |          |      |                 |          |   |
| 一         | 4                | _         | $\dashv$ | $\dashv$ | -        | _        |          | H  |      | $\vdash$ | Н            | Н            | 1   | ł   |       | 97       | $\dashv$ |          |          |              | -        | Н             | H        | $\neg$   |          | $\dashv$       |     | $\vdash$      | 147        |               |          |          |          |          |          |          |      | Ц               | _        |   |
| $\vdash$  | 44               | _         | +        | $\dashv$ |          |          |          | H  | -    | _        |              | Н            |     | ŀ   |       | 98       | $\dashv$ | ᅱ        | $\dashv$ |              | -        |               | H        | $\neg$   |          | Н              |     | $\Box$        | 148        |               |          |          |          |          |          |          |      | Н               | 4        |   |
|           | 4                |           | _        |          |          |          |          |  |      |          |              |              |     | ı   | ╛     | 99       |          |          |          |              |          |               |          |          |          |                |     |               | 149        |               | _        | 4        |          | $\vdash$ | $\dashv$ | Щ        | Н    | $\vdash$        | $\dashv$ |   |
|           | 50               | οŢ        | Ι        |          |          |          |          |  |      |          |              |              | }   |     |       | 100      | $\Box$   |          |          |              |          |               |          | ╝        |          |                |     | L             | 150        |               |          |          |          | لــا     | لـــ     |          | لــا |                 | لــ      |   |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)